

## **PROGRESSIVE FINGERPRINT MATCHING SYSTEM AND METHOD**

### **ABSTRACT OF THE DISCLOSURE**

An automated digital processing system and method for characterizing the probability of a finger print match for at least one finger including a means for providing at least a plurality of match scores for at least one finger; a means for providing a finger index; a means for providing a number of fingers used in the search; a means for providing a number of times a finger index appears in a subset of probable matches; and a means for providing a number of records in the database. At least two record identification metrics are calculated and a means for calculating a match credibility metric of the calculated record identification metrics is provided based on a function of at least one of: the number of fingers used in the search, the first record identification metric, and the second record identification metric. A means for providing a user with at least one of the record identification metrics is further provided.